



<http://www.mn-arts.org/>

Don't forget to sign up on the reflector!!

From the President

CONGRATULATIONS - we are now 1 year old! It has been a fun year, but I believe the best is in the future as we have an exciting club. Thanks to everyone who has been a part of it and the transition - it has been extremely successful because we've all contributed in many ways. To cap the year, we had a great time at our annual build-a-thon and participation in FYBO and the MN QSO Party on February 2nd. Some great pictures are included in the newsletter.

And to further the celebration, I received an email from the ARRL that we are now officially an ARRL affiliated club. I'll bring the letter to the meeting to share with the group. And as a reminder, now that it has been a year, annual dues are also "due" in March, so please bring your payment to the next meeting or mail it to our treasurer.

Looking to the new year, we are starting off with a much anticipated presentation by Craig, AA0ZZ, and Mert, W0UFO, regarding their AM project at our March 2nd meeting. See more info in the newsletter. But in order to continue having interesting presentations, please think about something you could

present, or someone you know who has an interesting presentation for the group - even one heard at a different club. We are always looking for topics, of course, but more importantly, someone who can present it. Don't underestimate your own abilities as it doesn't have to be anything elaborate. We have a couple more possibilities coming up, but need to be planning out a few months at least. And, of course, always bring your most recent projects and stories to share with the group. We all enjoy seeing the projects, and are encouraged by what each other are doing - even the failures!

Finally I want to congratulate member Bob, K9OSC, with his cover article in the most recent issue of QRP Quarterly magazine. If you don't get this publication, I would encourage you to look into the QRP ARCI club (www.qrparci.org) who publishes it.

Thanks again for an awesome first year - let's keep it going.

73 de chuck ka8hde

March Program

Mert Nellis/W0UFO & Craig Johnson/AA0ZZ will give us an update on their "AM project". As you may remember, Mert and Craig are working on a new club building project - one that all of us may be able to get excited about and not just the CW operators. It's a step into the past as we investigate a mode that amateurs have largely passed by in recent years but is still very viable and interesting. We will build a simple AM transceiver that we can use to talk around the Twin Cities (at least) and hopefully, a lot farther. Most importantly, we will discuss how it all works. How does AM differ from SSB? How does it differ from CW?

As Craig and Mert started discussing the project among themselves, they very naturally divided it between them. Mert has been concentrating on the AM transmitter and the function of the modulation transformer in particular. This is a natural, given his many years of experience in designing and building transformers. Part of the project will likely be to wind our own modulation transformers. How cool is that?

Craig has concentrated on the design of the AM receiver and the development of a new VFO to drive the transceiver. He has developed a new version of his Si570 signal generator for this purpose.

On Saturday, Mert and Craig will present the current state of their designs and their thoughts about where it is heading. You won't want to miss this presentation!

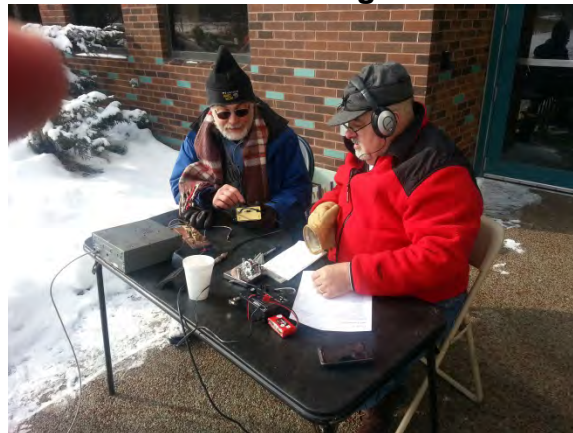
February 2, 2013 Meeting Minutes

There was no business meeting in February.

February Activity

22 + members showed up to enjoy operating and building this month. Outside we had QRP station set up using a Parr end fed antenna and working primarily the FYBO contest. Inside the Minnetonka Club Station worked the Minnesota QSO Party and the main room was set up for the build-a-thon. Below are some pictures from the event.

Outside Station working FYBO



Tom/WM0SS & Larry/KB0R

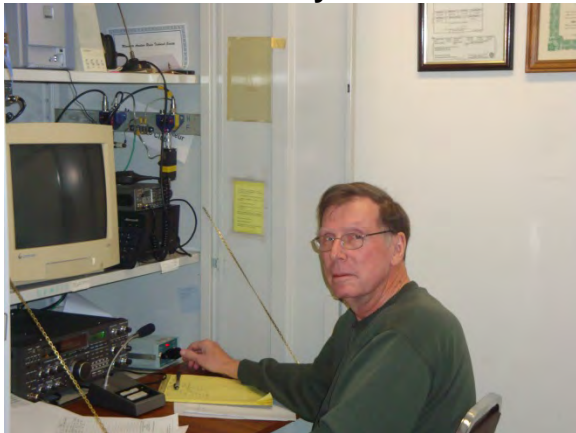


Mert/W0UFO



Parr End Fed Antenna

Minnetonka Club Station working the Minnesota QSO Party



Jim/AJ0O

Build-a-thon



Les/N0PPF



Chuck/KA8HDE



Daniel/KC0QHZ & Ted/KD0NPJ



John/KD0CAC



Orcy/W00T



John/KJ0P



Steve/NW0C



Mert/W0UFO, Paul/N0TYE & Chuck/KA8HDE



Craig/AA0ZZ & Mert/W0UFO



Phil/K0CD & QSO (barks at every multiplier & growls at every dup)

Respectfully submitted,
Steve, NW0C

Club Officers:

President: Chuck Stroud/KA8HDE
Vice Pres: Larry Gaalaas/KB0R
Secretary: Steve Ulrich/NW0C
Treasurer: Paul Bushouse/N0TYE
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